



Vermont Department of Environmental Conservation

Watershed Management Division

Barre Regional Office

5 Perry Street, Suite 80

Barre, VT 05641

www.watershedmanagement.vt.gov

Agency of Natural Resources

[phone] 802-476-0190

[fax] 802-476-0131

[cell] 802-279-1143

AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: **SA-03-129-2015**

Applicant Name: **Town of Kirby**

Mailing Address: **346 Town Hall Rd** Phone: **626-9384**

Lyndonville, VT, 05851

Project Location: **Mid Hollow Road** Email: **kirbyvermont@gmail.com**

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes the replacement of an undersized culvert w/ a new bluff bridge.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed and approved as shown on the plan dated 6/17/15, prepared by Ruggles Engineering, and approved by the Vermont Agency of Natural Resources.
 - b) The project will not adversely affect the public safety by increasing flood hazards.
 - c) The project will not significantly damage fish life or wildlife.
 - d) The project will not significantly damage the rights of riparian owners.
 - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
 - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
 - g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
 - h) A final construction inspection is required for all culvert and bridge projects.
 - i) In-stream working dates are from June 1st through October 1st; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
 - j) This authorization has been posted for three days public comment. This authorization constitutes final approval.
 - k) Additional Conditions for this project: Footings to be scour resistant.

If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

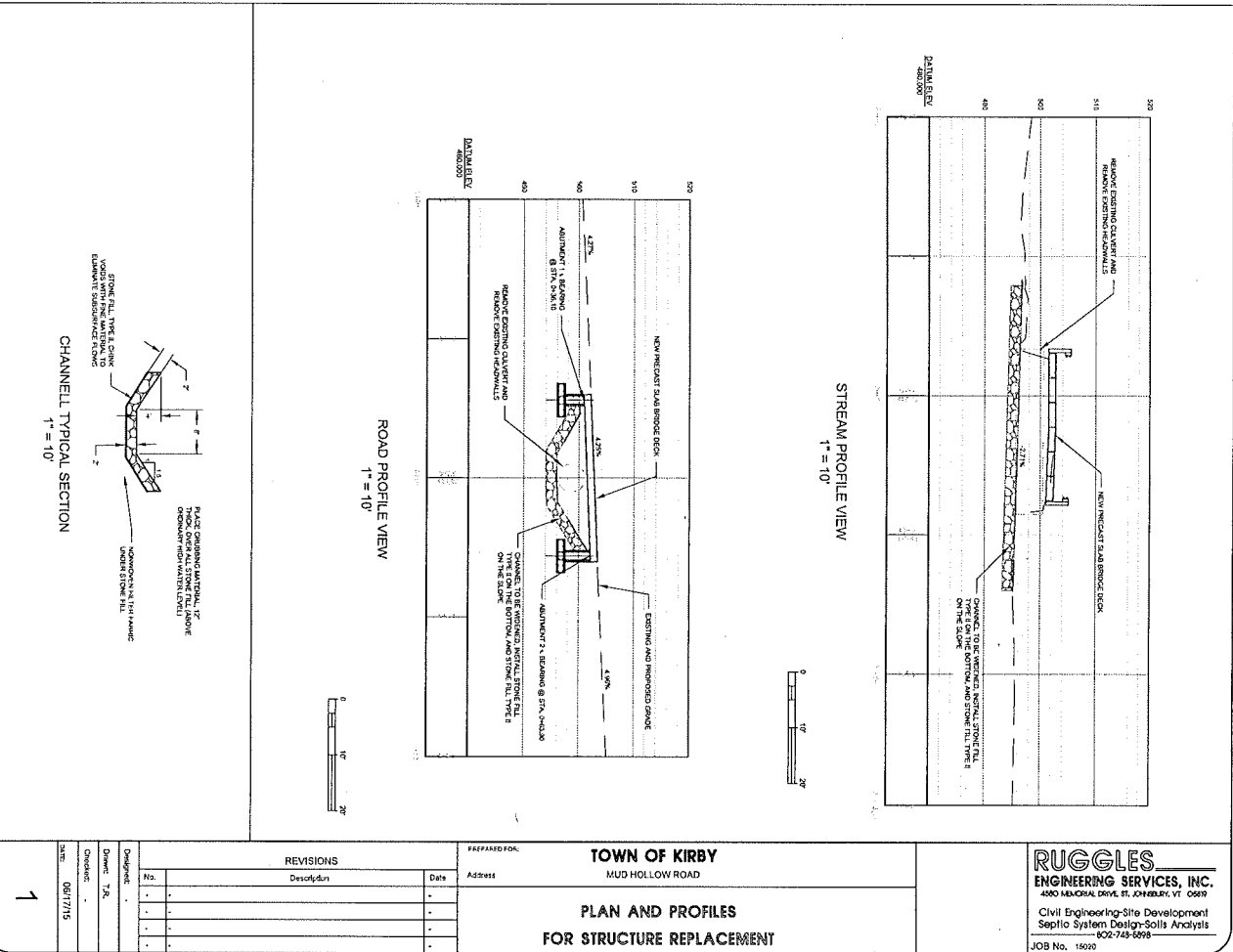
David K. Mears, Commissioner

Department of Environmental Conservation

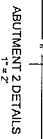
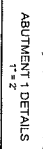
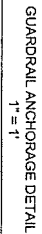
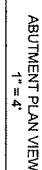
by: Patrick J. Ross, P.E.

dated: 6/22/15

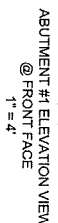
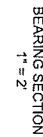
Patrick Ross, P.E., River Management Engineer



5



| ROAD SCHEDULE | | | | | | |
|---------------|----|------|--------|-------|-------|---|
| MARK | # | SIZE | LENGTH | TYPE | A | B |
| A1-1 | 74 | 6 | 5'-6" | STN | | |
| A1-2 | 26 | 6 | 36'-0" | STN | | |
| A1-3 | 37 | 6 | 4'-3" | STN | | |
| A1-4 | 37 | 7 | 7'-0" | L-BOX | 4'-0" | 3 |
| A2-1 | 74 | 6 | 5'-6" | STN | | |
| A2-2 | 27 | 5 | 26'-0" | STN | | |
| A2-3 | 37 | 5 | 5'-6" | STN | | |
| A2-4 | 37 | 7 | 9'-0" | L-BOX | 5'-0" | 3 |



| | | | | | | |
|--------------------------|-----------|-------------|------|---------------|---|---|
| Sheet of 2 | REVISIONS | | | PREPARED FOR: | TOWN OF KIRBY MUD HOLLOW ROAD BRIDGE DETAILS FOR STRUCTURE REPLACEMENT | RUGGLES ENGINEERING SERVICES, INC. 4800 MEDICAL DRIVE ST. JOHNSBURY, VT 05477 Civil Engineering-Site Development Septic System Design-Soils Analysis 802-748-5098 JOB No. 15020 |
| | No. | Description | Date | Address | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| | - | - | - | - | | |
| Designer: _____ | | | | | | |
| Drawn: TFL | | | | | | |
| Checked: _____ | | | | | | |
| DATE: 06/17/15 | | | | | | |